

SPECIAL CONDITIONS

Permit Number 7711A

EMISSION STANDARDS AND FUEL SPECIFICATIONS

1. Total emissions from these sources shall not exceed the values stated on the enclosed table entitled A Emission Sources - Maximum Allowable Emission Rates. The permitted emission limits for all Emission Point Numbers (EPNs) are based on 8,760 annual hours of operation.
2. The fuel for this facility shall be pipeline sweet natural gas as defined in Title 30 Texas Administrative Code Chapter 101 (30 TAC Chapter 101). Use of any other fuel shall require prior written approval of the Executive Director of the Texas Commission on Environmental Quality (TCEQ).

FEDERAL APPLICABILITY

3. The holder of this permit shall comply with all requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources promulgated for Asphalt Processing and Asphalt Roofing Manufacture in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subparts A and UU.

OPACITY/VISIBLE EMISSION LIMITATIONS

4. Opacity of emissions from the Electrostatic Precipitator (EPN 34), all dust collector stacks, all process heater vents, and building vents shall not exceed 5 percent averaged over a six-minute period as determined by the EPA Test Method (TM) 9 or equivalent. There shall be no discharge into the atmosphere from any asphalt storage tank exhaust gases with opacity greater than 0 percent except for one consecutive period in any 24-hour period when the transfer lines are being blown for clearing.
5. No visible emissions from this facility operation, road, or travel area shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22 or equivalent.

OPERATIONAL LIMITATIONS AND WORK PRACTICES

6. The company has represented the following to comply with all TCEQ rules and regulations:
 - A. All filler and backing material shall be received and transferred with no visible emissions leaving the building.

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- B. The emissions from blowing stills and in the following Stillyard Storage Tank Nos. T-8, T-9, T-10, T-14, T-15, T-110, and T-120 containing asphalt shall be vented to the thermal oxidizer.
 - C. The maximum allowable asphalt throughput rates are 24,886 pounds per hour (lbs/hr) for Line 1, and 41,472 lbs/hr for Line 3.
 - D. The maximum allowable production rate for both Lines 1 and 3 is 171 tons per hour (1,498,000 tons per year) of finished shingles.
- 7. An opacity violation or an odor nuisance condition, as confirmed by the TCEQ or any local air pollution control program with jurisdiction, may be cause for additional controls. If the nuisance condition persists, subsequent stack sampling may also be required.
 - 8. All in-plant roads and areas subject to road vehicle traffic shall be paved with a cohesive hard surface and cleaned, as necessary, to maintain compliance with the TCEQ rules and regulations Unpaved work areas shall be sprayed with water and/or environmentally sensitive chemicals upon detection of visible particulate matter (PM) emissions to maintain compliance with all TCEQ rules and regulations.
 - 9. The stack height of the Line 1 Cooling Section (EPN COOL1) shall be no less than 64 feet measured from ground level. The stack height of the Line 3 Cooling Section (EPN COOL3) shall be no less than 73 feet measured from ground level. **(10/09)**

INITIAL DETERMINATION OF COMPLIANCE

- 10. Within 180 days after the initial issuance date of this permit, stack sampling of the Electrostatic Precipitator (EPN 34) and the Boiler/Thermal Oxidizer Vent (EPN 8) for PM, nitrogen oxides (NO_x), sulfur dioxide (SO₂), carbon monoxide (CO), and volatile organic compounds (VOC) emissions shall occur to demonstrate compliance with the allowable emissions set forth in this permit. Also within 180 days after the initial issuance of this permit, stack sampling of the emissions from Line 1 cooling section (EPN COOL1) and Line 3 cooling section (COOL3) shall occur to demonstrate compliance with the allowable emissions set forth in this permit. Requests for additional time to perform sampling shall be submitted in writing to the TCEQ Regional Office. Additional time to comply with any applicable requirements of 40 CFR Part 60 requires EPA approval. Requests shall be submitted in writing to the TCEQ Austin Compliance Support Division. **(10/09)**

CONTINUOUS DETERMINATION OF COMPLIANCE

11. Upon being informed by the TCEQ Executive Director that the staff has documented visible emissions from EPNs listed in Special Condition No. 4 that exceed the opacity specified in Special Condition No. 4, the holder of this permit shall conduct stack sampling analyses or other tests to prove satisfactory abatement or process equipment performance and demonstrate compliance with the PM and VOC allowables specified in the maximum allowable emission rates table. Sampling must be conducted in accordance with appropriate procedures of the TCEQ Sampling Procedures Manual or in accordance with applicable EPA Code of Federal Regulations procedures. Any deviations from those procedures must be approved by the TCEQ Executive Director prior to sampling.

SAMPLING REQUIREMENTS

12. Sampling ports and platform(s) shall be installed on the exhaust stack according to the specifications set forth in the TCEQ Sampling Procedures Manual, AChapter 2, Stack Sampling Facilities@ prior to stack sampling. Alternate sampling facility designs may be submitted for approval by the TCEQ Executive Director.
13. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at their expense.
14. The plant shall operate at the maximum shingle production and raw material throughput rates and operating parameters, represented in the confidential file, during stack emissions testing being conducted for initial and/or continuing compliance demonstrations. If the plant is unable to operate at the maximum rates during initial compliance testing, then the production/throughput rates or other parameter may be limited to the rates established during testing. If stack testing was not accomplished at the maximum production/throughput rates, then such testing may be required prior to actual operations at the maximum rates.
15. A pretest meeting concerning the required sampling and/or monitoring shall be held with personnel from TCEQ before the required tests are performed. Air contaminants to be tested for and test methods to be used shall be confirmed at this pretest meeting.
 - A. During a continuous compliance determination with Special Condition No. 11 stipulations, sampling shall occur within 60 days of the written notification of violation from the TCEQ.

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- B. The TCEQ Regional Office shall be notified not less than 45 days prior to sampling to schedule a pretest meeting. The notice to the TCEQ Regional Office shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test results.

- C. Air contaminants to be tested for include (but are not limited to) PM, CO, SO₂, NO_x, and VOC.
- D. Copies of the final sampling report shall be submitted within 30 days after sampling is completed. Sampling reports shall comply with the provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows: **(10/09)**

One copy to the TCEQ Dallas/Fort Worth Regional Office.

16. A written proposed description of any deviation from sampling procedures specified in permit conditions or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Office shall approve or disapprove of any deviation from specified sampling procedures.
17. Requests to waive testing for any pollutant specified in the above special conditions shall be submitted to the TCEQ Office of Permitting, Remediation, and Registration, Air Permits Division.

RECORDKEEPING REQUIREMENTS

18. Records shall be kept as specified in General Condition No. 7 and made available upon request to the TCEQ or any air pollution control program having jurisdiction.

Dated October 12, 2009